Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 17 Mar 2023 until 23:59 on Saturday 18 Mar 2023

Forecast Issued on Thursday 16 Mar 2023 at 14:54

Confidence: High for mild and showery conditions through Friday and Saturday then for a window for more settled weather on Sunday. Some uncertainty in the timings of rain from late Sunday onwards so please keep up to date with the forecast.

Headline for Friday 17 Mar 2023: A cloudy start but brightening up. Scattered heavy showers developing. Breezy on the tops.

Mountain weather hazards on Friday 17 Mar 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	FOG				
Fog	Fog	Fog	Fog	Sunny intervals	Heavy rain showers	Light rain showers	Light rain showers (night)
Precipitation probability							
20%	20%	30%	40%	40%	60%	60%	60%

Forecast for Friday 17 Mar 2023

Weather: A mostly cloudy and mild night with a few showers. A largely cloudy morning with some showers but some brightness around, mainly in the east. A brighter afternoon with sunny intervals and scattered showers, some heavy with a very small chance of hail and thunder but moving through quickly. Mostly cloudy with further showers in the evening.

Chance of cloud-free hill tops above 600m: 30% in morning, best chance in east. Improving to 70% by afternoon.

Low Cloud and visibility: Areas of fog and low cloud above 400m overnight and in the morning, mainly over western hills, with patches on lower slopes. Cloud lifting and breaking by the afternoon with most summits clearing. Away from cloud, mainly good but briefly less than 10km in any showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Friday 17 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/29 SW	14/21 SW	13/18 S	13/18 S	14/21 S	11/17 S	8/13 S	9/15 S	9/15 S
300	13/27 SW	8/20 SW	5/14 S	7/14 S	10/19 S	7/15 SW	4/12 S	5/14 S	5/12 S
Valley	10/25 SW	6/18 SW	4/15 S	6/15 S	6/16 SW	5/13 S	5/13 SE	6/14 SE	5/12 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/1	5/1	5/2	7/3	8/5	7/5	6/3	6/3
300	8/5	7/5	7/5	7/6	10/8	11/9	9/8	8/7	8/6
Valley	9/6	8/6	8/7	9/8	11/10	12/11	10/9	9/8	9/8
Freezing Level*	1400m	1400m	1400m	1400m	1400m	1500m	1600m	1700m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A mild day down in the valleys but still feeling rather chilly on the tops, especially in low cloud and in any showers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 16 Mar 2023	14.4mm	19.4mm	36.2mm

Forecast for Saturday 18 Mar 2023

Weather: Mainly cloudy with occasional showers, perhaps heavy at times. Some bright spells in the afternoon, best chance of these in the north and east. Becoming dry, clear and colder in the evening.

Maximum wind: South or Southwest 10-15mph, gusts 20-25mph.

Chance of cloud-free hill tops above 600m: 40%, becoming 90% during evening.

Low Cloud and visibility: Areas of low cloud and fog above 500m with patches on lower slopes, lifting to 700m in the afternoon then clearing totally during the evening. Generally good visibility away from cloud but brief reductions in showers.

Temperature: **Valleys:** 8C, rising to 12C, falling to 3C in evening.
At 600m: Plus 6 or 7C, falling to Plus 2C during evening.
Freezing level: Above summits.

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